ISSN 1300-7971 e-ISSN 2148-4864

Volume: 52 Number: 3 Year: 2021

ZEYNEP KAMIL MEDICAL JOURNAL

Formerly Zeynep Kamil Tıp Bülteni

Obstetrics and Gynecology Pediatrics and Pediatric Surgery

www.zeynepkamilmedj.org





EDITORIAL BOARD

EDITOR-IN-CHIEF

Semra KAYATAŞ ESER, MD University of Health Science, İstanbul, Turkey

EDITORS

Ayşenur CELAYİR, MD University of Health Science, İstanbul, Turkey

Pinar KUMRU, MD University of Health Science, İstanbul, Turkey

Rabia Gönül SEZER YAMANEL, MD

University of Health Science, İstanbul, Turkey

SECTION EDITORS

Murat APİ, MD Güner KARATEKİN, MD Gynecological Oncology University of Health Science, İstanbul, Turkey

Oya DEMİRCİ, MD Perinatology

University of Health Science, İstanbul, Turkey Ebru ÇÖGENDEZ, MD

Reproductive Endocrinology University of Health Science, İstanbul, Turkey Neonatology University of Health Science, İstanbul, Turkey

Nilüfer ELDEŞ HACIFAZLIOĞLU, MD **Child Neurology** University of Health Science, İstanbul, Turkey

Mustafa ÇAKAN, MD Children's Rheumatology University of Health Science, İstanbul, Turkev

PUBLISHER

Kare Publishing Address: Dumlupinar Mah., Cihan Sok., No: 15, Concord İstanbul, B Blok 162, Kadıköy, İstanbul, Turkey Phone: +90 216 550 61 11 Fax: +90 216 550 61 12

E-mail: kare@karepb.com







ZEYNEP KAMIL MEDICAL JOURNAL Formerly Zeynep Kamil Tıp Bülteni

PUBLISHING MANAGER

Pinar KUMRU, MD University of Health Science, İstanbul, Turkey

ENGLISH EDITING Ayşe Selma DAĞTAŞ

BIOSTATISTICS

Pinar KUMRU, MD University of Health Science, İstanbul, Turkey

INTERNATIONAL ADVISORY BOARD

Alberto PENA, MD Ali KUCUKMETIN, MD United Kingdom Aspazija SOFIJANOVA, MD North Macedonia Aytan Kamal MAMMADBAYLI, MD Azerbaijan Camila KURBANOVA, MD Azerbaijan Dilorom I. AKHMEDOVA, MD Uzbekistan Emre SELI, MD United States of America Fahrija SKOKIC, MD Bosnia and Herzegovina

Jorge CARRILLO, MD United States of America Juan Diego VILLEGAS, MD Colombia Kubilay ERTAN, MD Germany Sagynbu ABDUVALIEVA, MD Kyrgyzstan

EDITORIAL BOARD / ADVISORY BOARD

Abdullah YILDIZ, MD University of Health Science, İstanbul, Turkey Abdülkadir BOZAYKUT, MD University of Health Science, İstanbul, Turkey Ahmet ESER, MD University of Health Science, İstanbul, Turkey Ahmet Zeki ISIK. MD Ali İhsan DOKUCU, MD University of Health Science, İstanbul, Turkey Ali KARAMAN, MD University of Health Science, İstanbul, Turkey Arzu ŞENCAN, MD Health Sciences University, İzmir, Turkey

Ayşe KARAMAN, MD Ankara City Hospital, Ankara, Turkey Ayşenur CELAYİR, MD University of Health Science, İstanbul, Turkey Aytekin KAYMAKÇI, MD University of Health Science, İstanbul, Turkev Baha ORAL, MD Süleyman Demirel University, Isparta, Turkey Barış ATA, MD Koc University, İstanbul, Turkey Belgin DEVRANOĞLU, MD University of Health Science, İstanbul, Turkey Bülent Taner KARADAĞ, MD

Marmara University, İstanbul, Turkey

Canan KABACA KOCAKUŞAK, MD University of Health Science, İstanbul, Turkey Cem FIÇICIOĞLU, MD Acıbadem University, İstanbul, Turkey Cem DEMİREL, MD Memorial Hospital, İstanbul, Turkey Cenk BÜYÜKÜNAL, MD Istanbul University-Cerrahpaşa, Cerrahpasa Faculty of Medicine, İstanbul, Turkey Çetin Ali KARADAĞ, MD University of Health Science, İstanbul, Turkey Cetin KILICCI, MD University of Health Science, İstanbul, Turkey

VOL 52 - NO 3 - YEAR 2021



ZEYNEP KAMIL MEDICAL JOURNAL Formerly Zeynep Kamil Tıp Bülteni

Ciğdem YAYLA ABİDE. MD University of Health Science, İstanbul, Turkey Derva BÜYÜKAYHAN, MD University of Health Science, İstanbul, Turkey Ebru CÖĞENDEZ. MD University of Health Science, İstanbul, Turkey Ecmel KAYGUSUZ. MD University of Health Science, İstanbul, Turkey Elif ÖZALKAYA, MD University of Health Science, İstanbul, Turkev Elif Yüksel KARATOPRAK, MD Medeniyet University, İstanbul, Turkey Enis ÖZKAYA, MD University of Health Science, İstanbul, Turkey Erbil CAKAR, MD University of Health Science, İstanbul, Turkey Erdal SARI, MD University of Health Science, İstanbul, Turkey Erkut ATTAR, MD Yeditepe University, İstanbul, Turkey Esra ESİM BÜYÜKBAYRAK, MD Marmara University. İstanbul. Turkev Evrim BOSTANCI ERGEN, MD University of Health Science, İstanbul, Turkey Fahri OVALI, MD Medeniyet University, İstanbul, Turkey Fuat DEMIRCI, MD Güner KARATEKİN, MD University of Health Science, İstanbul, Turkey Gürkan BOZDAĞ, MD Hacettepe University, Ankara, Turkey Handan ÇETİNER, MD University of Health Science, İstanbul, Turkey İlhan ŞANVERDİ, MD University of Health Science, İstanbul, Turkey

İlke ÖZAHİ. MD Medipol University, İstanbul, Turkey Levent ELEMEN. MD University of Health Science, İstanbul, Turkev Mahmut DOĞRU, MD Mehmet ELİÇEVİK, MD İstanbul University-Cerrahpaşa, Cerrahpasa Faculty of Medicine, İstanbul, Turkev Melih AKIN, MD University of Health Science, İstanbul, Turkev Murat APİ, MD University of Health Science, İstanbul, Turkev Mustafa ÇAKAN, MD University of Health Science, İstanbul, Turkev Mustafa EROĞLU, MD University of Health Science, İstanbul, Turkev Münevver HOSGÖR, MD Health Sciences University, İzmir, Turkey Müserref Banu YILMAZ, MD University of Health Science, İstanbul, Turkev Nazmiye Nilgün KARADAĞ, MD University of Health Science, İstanbul, Turkey Nilüfer ELDEŞ HACIFAZLIOĞLU, MD University of Health Science, İstanbul, Turkey Olcay ÜNVER, MD Marmara University, İstanbul, Turkey Orkan ERGÜN, MD Ege University Faculty of Medicine, İzmir, Turkey Oya DEMİRCİ, MD University of Health Science, İstanbul, Turkey Pinar KUMRU, MD

University of Health Science, İstanbul, Turkey

Rabia GÖNÜL SEZER YAMANEL. MD University of Health Science, İstanbul, Turkev Recep HAS, MD İstanbul University, İstanbul, Turkey Sadık SAHİN, MD University of Health Science, İstanbul, Turkey Selçuk AYAS, MD Okan University İstanbul, Turkey Selcuk ÖZDEN, MD Sakarya University, Sakarya Turkey Selim SANCAK, MD University of Health Science, İstanbul, Turkev Semra KAYATAS ESER, MD University of Health Science, İstanbul, Turkey Serdar MORALIOĞLU. MD University of Health Science, İstanbul, Turkev Sevilay TOPÇUOĞLU, MD University of Health Science, İstanbul, Turkey Sinan CELAYIR, MD Istanbul University-Cerrahpasa, Cerrahpasa Faculty of Medicine, İstanbul, Turkey Sirin GÜVEN, MD University of Health Science, İstanbul, Turkev Taner YAVUZ, MD Okan University, İstanbul, Turkey Tuğrul TİRYAKİ, MD Ankara City Hospital, Ankara, Turkey Tülay GÜRAN, MD Marmara University, İstanbul, Turkey Volkan Sarper ERİKÇİ, MD Health Sciences University, İzmir, Turkey Yakup KUMTEPE, MD Atatürk University, Erzurum, Turkey Zekeriya İLCE, MD University of Health Science, İstanbul, Turkey